Ethan Jiang

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WORK EXPERIENCE

HYPERPAD | Full Stack Engineer Intern
Sept 2019 - Dec 2019 | London, ON
- Optimized and deployed children's healthcare application for UC Irvine's medical research team on iOS and Android with React/React Native and Apollo GraphQL.
- Architected commenting and user API for hyperPad's native game-sharing hub of 10,000 users with Objective-C, Swift, and Ruby on Rails.
- Integrated Elasticsearch to process and filter hyperPad user projects, posts, and comments.
- Built front-end interface for Sony job board app with encrypted image upload in React.

THE CO-OPERATORS | Software Developer Intern
Jan 2019 – Apr 2019 | Waterloo, ON
- Co-op team lead for cross-platform insurance prospecting web app reaching 2000 employees.
- Replaced legacy software; sped up insurance prospecting process by 50%.
- Designed and engineered user interface with Angular and Ionic.
- Architected RESTful API backend with Node.js, Express, and PostgreS.
- Represented the intern team in company meetings and presentations.

PROCOM | Jr. Network Administrator
May 2018 - Aug 2018 | Toronto, ON
- Automated unlocking computers, performing status checks, and Active Directory administration through Powershell scripting.
- Worked with over 400 clients in the United States and Canada to troubleshoot and repair hardware and software.

PROJECTS

IMAGIC | iOS App
Sept 2019 – Present
- Native iOS app to assist magicians in a variety of prediction and mind-reading illusions with customizable preferences.
- Performed in over 15 private magic shows with 400+ audience members.
- Built with Swift with ARKit integration in progress.

CHRONIVISE | Hack the North 2018
Sept 2018 | Waterloo, ON
- Productivity Chrome Extension designed to organize and edit sets of websites.
- Synced user data to Google account for cross-platform support.
- Designed UI/UX, logo, and developed product website.
- Built with Bootstrap, Chrome API, and Google Cloud Storage.

EDUCATION

UNIVERSITY OF WATERLOO
Bachelor of Computer Science, Honours
2017 - exp. 2022
Waterloo, ON

SKILLS

PROGRAMMING
Javascript • Typescript • Python
Swift • Objective-C • Ruby
C++ • Java

FRONT-END
Angular • React • Ionic

BACK-END
Node.js • Express • Ruby on Rails
Axios • Apollo • SQL • PostgreS

SERVICES
AWS • Microsoft Azure • Docker

COURSEWORK

UNDERGRADUATE
- Numerical Computation
- User Interfaces
- Algorithms
- Operating Systems
- Data Structures and Data Management
- Sequential Programs
- Object-Oriented Software Development

CLUBS

- Magic and Cardistry Club President (2018-Present)
- DJ Club
- Deception Board Games Club
- Chess Club

LINKS

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